

Application No.: 10/630262

Docket No.: CL1942USNA

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**REMARKS**

Claims 1-34 are in the case. The claims have been made subject to a requirement to restrict. Claim 12 has been canceled.

In response to the office action mailed 3/15/2006 applicants failed to respond completely to the requirement for election of species. Applicants thank the examiner for the clarification of the species to be elected and respond as follows:

<b><i>Election Option</i></b>	<b><i>Applicants Response</i></b>
A) type of semiconductor; e.g. as recited in claim 5;	Iron Oxide
B) a monolayer which comprises (1) a molecule with a reactive group, (2) a peptide, (3) tiopronin, or (4) GSH. If group (1) is elected, then applicant is further required to elect a single reactive group from those recited in claim 6.	(3) tiopronin,
C) a shielding component; e.g. as recited in claim 8;	short chain ethylene glycol oligomers
D) a first binding domain; e.g. as recited in claim 9;	Glutathione-S-transferase/glutathione,
E) a recognition or capture moiety to which the second binding domain binds comprising a (1) nucleic acid, (2) peptide, (3) biological cell or (4) inorganic nanotube. If nucleic acid is elected, then applicant is further required to elect a single nucleic acid binding sequence and/or moiety from those recited in claims 11-14, 22, and 32-34. If a binding sequence is elected, then it must correspond with the particular moiety elected. If nanotube is elected, then applicant is further required to elect a single nanotube binding sequence from those recited in claim 17.	(1) nucleic acid, additional election to zinc finger sequence, (Claim 13)

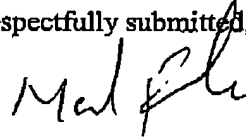
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Applicants election of species is made without traverse.

Should there be any fee due in connection with the filing of this Response To Restriction Requirement please charge such fee to Deposit Account No. 04-1928 (E. I. du Pont de Nemours and Company).

Respectfully submitted,



**S. NEIL FELTHAM**  
ATTORNEY FOR APPLICANTS  
Registration No.: 36,506  
Telephone: (302) 992-6460  
Facsimile: (302) 992-5374

Dated: July 5, 2006